

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

Open Flow **ASE**
 Deliverability

Test Date:
9/30/2011

API No. 15
023-20677-00 - **00**

Company Rosewood Resources, Inc.		Lease Stuart		Well Number 33-30	
County Cheyenne	Location SWNE	Section 30	TWP 3S	RNG (E/W) 40W	Acres Attributed 80

Field Cherry Creek	Reservoir Niobrara	Gas Gathering Connection Branch Systems Inc.
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Completion Date 3/14/2006	Plug Back Total Depth 1312'	Packer Set at
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Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1312'	Perforations 1168'	To 1204'
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Tubing Size NONE 2 3/8"	Weight	Internal Diameter 1239'	Set at	Perforations	To
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Type Completion (Describe) Single (Conventional)	Type Fluid Production Dry Gas	Pump Unit or Traveling Plunger? Pumping Unit - pump inoperable	Yes / No <input checked="" type="checkbox"/> / <input type="checkbox"/>
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Producing Thru (Annulus / Tubing) Annulus	% Carbon Dioxide	% Nitrogen	Gas Gravity - G _g .6
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Vertical Depth(H) 1204'	Pressure Taps Flange	(Meter Run) (Prover) Size 2"
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Pressure Buildup: Shut in 9-29	20 11 at 10:00	(AM) (PM)	Taken 9-30	20 11 at 10:15	(AM) (PM)
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Well on Line: Started 9-30	20 11 at 10:15	(AM) (PM)	Taken 10-1	20 11 at 11:00	(AM) (PM)
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OBSERVED SURFACE DATA

Duration of Shut-in **24** Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter or Prover Pressure psig (P _m)	Pressure Differential in Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _i) or (P _e)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _e)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						176	190.4				
Flow						65	79.4			24	

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _p) (F _p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F _g	Flowing Temperature Factor F _t	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						3		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_e)² = 0.207

(P_o)² = _____

(P_c)² = _____ : (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____

(P _e) ² - (P _w) ² or (P _o) ² - (P _w) ²	(P _e) ² - (P _w) ²	Choose formula 1 or 2: 1. P _e ² - P _w ² 2. P _o ² - P _w ² divided by: P _e ² - P _w ²	LOG of formula 1, or 2, and divide by: P _e ² - P _w ²	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)

Open Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 28 day of December, 20 11

Witness (if any)

For Commission

Jamall Sewer
For Company

Checked by

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KCC WICHITA

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc. and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.

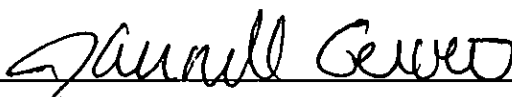
I hereby request a one-year exemption from open flow testing for the Stuart 33-30 gas well on the grounds that said well:

(Check one)

- is a coalbed methane producer
- is cycled on plunger lift due to water
- is a source of natural gas for injection into an oil reservoir undergoing ER
- is on vacuum at the present time; KCC approval Docket No. _____
- is not capable of producing at a daily rate in excess of 250 mcf/D

I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 12/28/11

Signature: 
Title: Production Assistant

Instructions: If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.

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W372
 Stuart 33-30
 St. Francis
 St. Francis
 None
 September-11

DATE	Casing			HRS CYCLIDOWN	Water BBLs	REMARKS (Maximum length 110 characters)
	PSI	STATIC MCF	SPM			
9/1/2011	67	78	3	0	0	0
9/2/2011	66	79	3	0	0	0
9/3/2011	65	79	3	0	0	0
9/4/2011	65	78	3	0	0	0
9/5/2011	65	78	3	0	0	0
9/6/2011	65	78	3	0	0	0
9/7/2011	67	77	3	0	0	0
9/8/2011	66	79	3	0	0	0
9/9/2011	66	78	3	0	0	0
9/10/2011	65	78	3	0	0	0
9/11/2011	65	78	3	0	0	0
9/12/2011	66	79	3	0	0	0
9/13/2011	64	78	3	0	0	0
9/14/2011	65	77	3	0	0	0
9/15/2011	64	78	3	0	0	0
9/16/2011	65	78	3	0	0	0
9/17/2011	64	77	3	0	0	0
9/18/2011	64	77	3	0	0	0
9/19/2011	65	77	2	0	0	0
9/20/2011	65	78	3	0	0	0
9/21/2011	65	77	3	0	0	0
9/22/2011	64	77	3	0	0	0
9/23/2011	64	76	3	0	0	0
9/24/2011	65	76	3	0	0	0
9/25/2011	65	78	3	0	0	0
9/26/2011	65	77	3	0	0	0
9/27/2011	61	77	3	0	0	0
9/28/2011	66	74	3	0	0	0
9/29/2011	61	75	3	0	0	0
9/30/2011	176	77	0	0	24	0 si for state test
10/1/2011	0	0	0	0	0	0

Total 86 0

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 KCC WICHITA

W372
 Stuart 33-30
 St. Francis
 St. Francis
 None
 October-11

DATE	Casing		SPM	CYCLIDOWN	HRS	Water BBLs	REMARKS (Maximum length 110 characters)
	PSI	STATIC MCF					
10/1/2011	64	80	6	0	0	0	0
10/2/2011	66	79	3	0	0	0	0
10/3/2011	65	79	3	0	0	0	0
10/4/2011	65	78	3	0	0	0	0
10/5/2011	65	78	3	0	0	0	0
10/6/2011	63	75	3	0	0	0	0
10/7/2011	65	79	3	0	0	0	0
10/8/2011	64	77	3	0	0	0	0
10/9/2011	65	78	3	0	0	0	0
10/10/2011	65	78	3	0	0	0	0
10/11/2011	63	82	3	0	0	0	0
10/12/2011	63	77	3	0	0	0	0
10/13/2011	60	74	3	0	0	0	0
10/14/2011	61	75	3	0	0	0	0
10/15/2011	60	75	3	0	0	0	0
10/16/2011	63	75	3	0	0	0	0
10/17/2011	62	76	3	0	0	0	0
10/18/2011	61	75	3	0	0	0	0
10/19/2011	79	80	3	0	0	0	0
10/20/2011	64	78	3	0	0	0	0
10/21/2011	64	76	3	0	0	0	0
10/22/2011	65	77	3	0	0	0	0
10/23/2011	65	77	3	0	0	0	0
10/24/2011	64	77	3	0	0	0	0
10/25/2011	64	77	3	0	0	0	0
10/26/2011	63	77	3	0	0	0	0
10/27/2011	64	76	3	0	0	0	0
10/28/2011	64	76	3	0	0	0	0
10/29/2011	64	76	3	0	0	0	0
10/30/2011	64	76	3	0	0	0	0
10/31/2011	64	76	3	0	0	0	0
Total		96				0	

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W372
 Stuart 33-30
 St. Francis
 St. Francis
 None
 November-11

DATE	Casing		SPM	CYCL	HRS DOWN	Water BBL	REMARKS (Maximum length 110 characters)
	PSI	STATIC MCF					
11/1/2011	63	76	3	0	0	0	0
11/2/2011	63	75	2	0	0	0	0
11/3/2011	62	76	2	0	0	0	0
11/4/2011	63	75	2	0	0	0	0
11/5/2011	61	75	2	0	0	0	0
11/6/2011	64	75	2	0	0	0	0
11/7/2011	74	76	3	0	0	0	0
11/8/2011	63	79	3	0	0	0	0
11/9/2011	63	75	3	0	0	0	0
11/10/2011	62	76	3	0	0	0	0
11/11/2011	62	75	3	0	0	0	0
11/12/2011	62	75	3	0	0	0	0
11/13/2011	62	75	3	0	0	0	0
11/14/2011	62	75	3	0	0	0	0
11/15/2011	60	73	3	0	0	0	0
11/16/2011	62	73	3	0	0	0	0
11/17/2011	62	74	3	0	0	0	0
11/18/2011	62	74	3	0	0	0	0
11/19/2011	56	74	3	0	0	0	0
11/20/2011	62	74	3	0	0	0	0
11/21/2011	61	73	3	0	0	0	0
11/22/2011	62	73	3	0	0	0	0
11/23/2011	62	74	3	0	0	0	0
11/24/2011	63	75	3	0	0	0	0
11/25/2011	63	74	3	0	0	0	0
11/26/2011	64	74	3	0	0	0	0
11/27/2011	62	74	3	0	0	0	0
11/28/2011	62	75	3	0	0	0	0
11/29/2011	62	74	3	0	0	0	0
11/30/2011	62	74	3	0	0	0	0
12/1/2011	0	0	0	0	0	0	0

Total 85 0

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